



# SAFEPLATOON

Safety of autonomous vehicle convoys

BUDGET

€2,417K

GRANTS  
OBTAINED

€845K

ANR FUNDING

2011 - 2014

## THE PROJECT

The SAFEPLATOON project deals with the issue of the operation of autonomous vehicles in convoys. Its innovative nature lies in the design and development of extensive, robust capacities for movement in convoy formations. The project covers several geometric formations (linear, triangular, leading line, ... ). It also includes the possibility of dynamically adapting the convoy formation.

An important aspect of the SafePlatoon project lies in the fact that the decision and command and control algorithms proposed will be verified and validated. The verification concerns the proving, using specific tools and methods, of safety properties relating to certain operating modes of the system in question. The validation concerns the implementation of sets of tests, carried out either by simulation or by experimentation on real vehicles. The aim is to assess the compliance and quality of the approaches proposed.

**ViaMéca**  
French mechanical cluster



### PROJECT SPONSOR

Laboratoire SYSTEMES  
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### CO-ACCREDITING CLUSTER



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